

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 **Claim 1 (currently amended):** Video compression
2 transmission apparatus for compressing a digital video
3 signal and transmitting the resulting signal, comprising:
4 a video compression unit for performing compression
5 encoding on an input digital video signal;
6 a video transmission unit for transmitting to outside
7 the signal compression-encoded by the video compression
8 unit via a communication line;~~and~~
9 a controller for controlling the operation of the
10 video compression unit and the video transmission unit;~~and~~
11 a processing time measuring unit for measuring the
12 compression encoding time via the video compression unit
13 and the transmission time via the video transmission unit,
14 wherein the video compression unit and the video
15 transmission unit are operated in parallel.

1 **Claim 2 (original):** Video compression transmission
2 apparatus according to claim 1,
3 wherein at least one of a compression encoding process
4 via the video compression unit and a transmission process

1 via the video transmission unit can be changed by the
2 controller.

1 **Claim 3 (original):** Video compression transmission
2 apparatus according to claim 2,
3 wherein the change in the compression encoding process
4 via the video compression unit includes at least one of a
5 change in the compression ratio of pictures and a change in
6 the video compression encoding details.

1 **Claim 4 (original):** Video compression transmission
2 apparatus according to claim 3,
3 wherein the change in the video compression encoding
4 process includes at least one of a change in the motion
5 vector exploration method and a change in the type of
6 filters applied to pictures and presence/absence of
7 filters.

1 **Claim 5 (original):** Video compression transmission
2 apparatus according to claim 2,
3 wherein the change in the transmission process via the
4 video transmission unit includes a change in the type and
5 bandwidth of the communication line.

1 **Claim 6 (original):** Video compression transmission
2 apparatus according to claim 2,

3 wherein the controller changes at least one of the
4 compression encoding process via the video compression unit
5 and the transmission process via the video transmission
6 unit depending on a set conditions for a video signal to be
7 compression-encoded.

1 **Claim 7 (original):** Video compression transmission
2 apparatus according to claim 6,

3 wherein the set conditions include the allowable range
4 of at least one of the transmission rate, required
5 transmission time and picture quality.

1 **Claim 8 (currently amended):** Video compression
2 transmission apparatus according to claim 6, further
3 comprising:

4 ~~— a processing time measuring unit for measuring the~~
5 ~~compression encoding time via the video compression unit~~
6 ~~and the transmission time via the video transmission unit,~~
7 ~~— wherein the controller changes at least one of the~~
8 compression encoding process via the video compression unit
9 and the transmission process via the video transmission
10 unit depending on the set conditions and the output of the
11 processing time measuring unit.

1 **Claim 9 (original):** Video compression transmission
2 apparatus according to claim 2, further comprising:

3 a video input unit through which a digital video
4 signal input to the video compression transmission is
5 obtained,

6 wherein the controller controls the operation of the
7 video input unit.

1 **Claim 10 (original):** Video compression transmission
2 apparatus according to claim 9,

3 wherein the video input unit includes a video storage
4 unit for storing in advance a digital video signal to be
5 compressed and transmitted.

1 **Claim 11 (original):** Video compression transmission
2 apparatus according to claim 9,

3 wherein the video input unit comprises a video
4 apparatus controller for supplying a digital video signal
5 from external video apparatus to the video compression unit
6 as required at a speed equal to or greater than the speed
7 required for the compression encoding via the video
8 compression unit.

1 **Claim 12 (currently amended):** A video compression
2 transmission method for compressing a digital video signal
3 and transmitting the resulting signal, comprising:

4 a video compression step of performing compression
5 encoding on an input digital video signal; and

6 a video transmission step of transmitting to outside
7 the signal compression-encoded by the video compression
8 step via a communication line; and

9 a processing time measuring step of measuring the
10 compression encoding time via the video compression step
11 and the transmission time via the video transmission step,

12 wherein a controller controls the video compression
13 step and the video transmission step, and the video
14 compression step and the video transmission step are
15 operated in parallel.

1 **Claim 13 (original):** A video compression transmission
2 method according to claim 12,

3 wherein at least one of a compression encoding method
4 via the video compression step and a transmission method
5 via the video transmission step can be changed.

1 **Claim 14 (original):** A video compression transmission
2 method according to claim 13,

3 wherein a change in the compression encoding method
4 via the video compression step includes at least one of a
5 change in the compression ratio of pictures and a change in
6 the video compression encoding details.

1 **Claim 15 (original):** A video compression transmission
2 method according to claim 14,

3 wherein the change in the video compression encoding
4 includes at least one of a change in the motion vector
5 exploration process and a change in the type of filters
6 applied to pictures and presence/absence of filters.

1 **Claim 16 (previously presented):** A video compression
2 transmission method according to claim 13,

3 wherein the change in the transmission process via the
4 video transmission step includes a change in the type and
5 bandwidth of the communication line.

1 **Claim 17 (previously presented):** A video compression
2 transmission method according to claim 13,

3 wherein the controller changes at least one of the
4 compression encoding process via the video compression step
5 and the transmission process via the video transmission
6 step depending on the set conditions for a video signal to
7 be compression-encoded.

1 **Claim 18 (original):** A video compression transmission
2 method according to claim 17,

3 wherein the set conditions include the allowable range
4 of at least one of the transmission rate, required
5 transmission time and picture quality.

1 **Claim 19 (currently amended):** A video compression
2 transmission method according to claim 17, further
3 ~~comprising:~~
4 ~~—— a processing time measuring step of measuring the~~
5 ~~compression encoding time via the video compression step~~
6 ~~and the transmission time via the video transmission step,~~
7 ~~——~~ wherein at least one of the compression encoding
8 process via the video compression step and the transmission
9 method via the video transmission unit depending on the set
10 conditions and the output of the processing time measuring
11 step.

1 **Claim 20 (previously presented):** A video compression
2 transmission method according to claim 13, further
3 comprising:
4 a video input step through which a digital video
5 signal input to the video compression transmission is
6 obtained.

1 **Claim 21 (original):** A video compression transmission
2 method according to claim 20,
3 wherein the video input step includes a video storage
4 step of storing in advance a digital video signal to be
5 compressed and transmitted.

1 **Claim 22 (original):** A video compression transmission
2 method according to claim 20,
3 wherein the video input step includes a step of
4 supplying a digital video signal from external video
5 apparatus to the video compression unit as required at a
6 speed equal to or greater than the speed required for the
7 compression encoding via the video compression unit.